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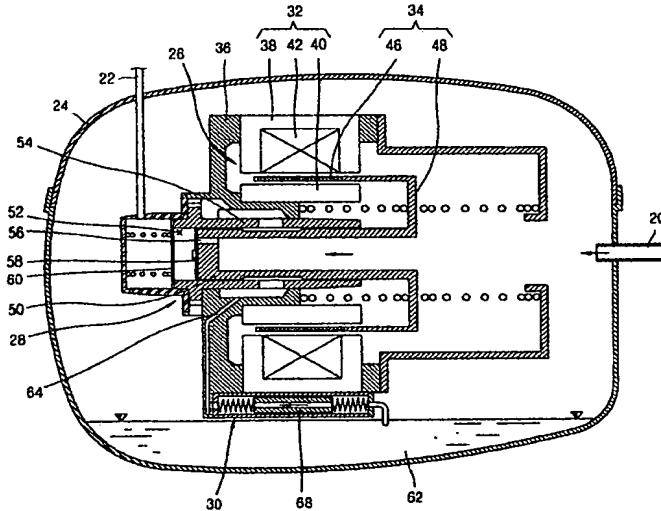
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(54) Title: REFRIGERATING SYSTEM HAVING RECIPROCATING COMPRESSOR



(57) Abstract: A refrigerating system includes: an evaporator (2) for performing a cooling operation as a refrigerant is evaporated; a compressor (4) for compressing the refrigerant discharged from the evaporator as a mover is reciprocally moved; a condenser (6) for changing the refrigerant compressed in the reciprocating compressor to a liquid refrigerant; and a capillary tube (8) for decompressing the refrigerant discharged from the condenser and transferring it to the evaporator. The refrigerant is an HFC refrigerant, hydrogenated carbon fluoride comprising hydrogen, fluorine and carbon and the lubricant is an ester-based lubricant, a sort of synthetic fluid, so that a lubricating performance and a performance of the refrigerating system can be improved.

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